

SHEET – FUNCTIONS

Q1 - Write a C program to find cube of any number using function

Test Data :

Input the number : 3

Expected Output :

The cube of the entered number is : 27

Q2 -Write a C program to find maximum and minimum between two numbers using functions.

Test Data :

Input the first number : 1

Input the second number :

Expected Output :

the maximum number is 5.

the minimum number is 1.

Q3 - Write a program in C to find the sum of the series $1!/1+2!/2+3!/3+4!/4+5!/5$ using the function

Test Data :

Input the number : 5

Expected Output :

The sum of series is 34

Q4 Write a program in C to convert a decimal number to a binary number using the function..

Test Data :

input decimal number : 47

Expected Output :

The binary number is (101111)

Q5- Write a program in C to check whether a number is a prime number or not using the function.

Test Data :

Input a positive number : 5

Expected Output :

The number 5 is a prime number.

Q6 - Write a program in C to find the factorial of a given number using recursion.

Test Data :

Input a number : 5

Expected Output :

The Factorial of 5 is : 120

Q7 - Write a program in C to calculate Area & perimeter of rectangle with cm using functions.

Test Data

input length : 2

input width : 5

Expected Output :

Area of rectangle is :10 cm
Perimeter of rectangle is : 14

GOOD LUCK